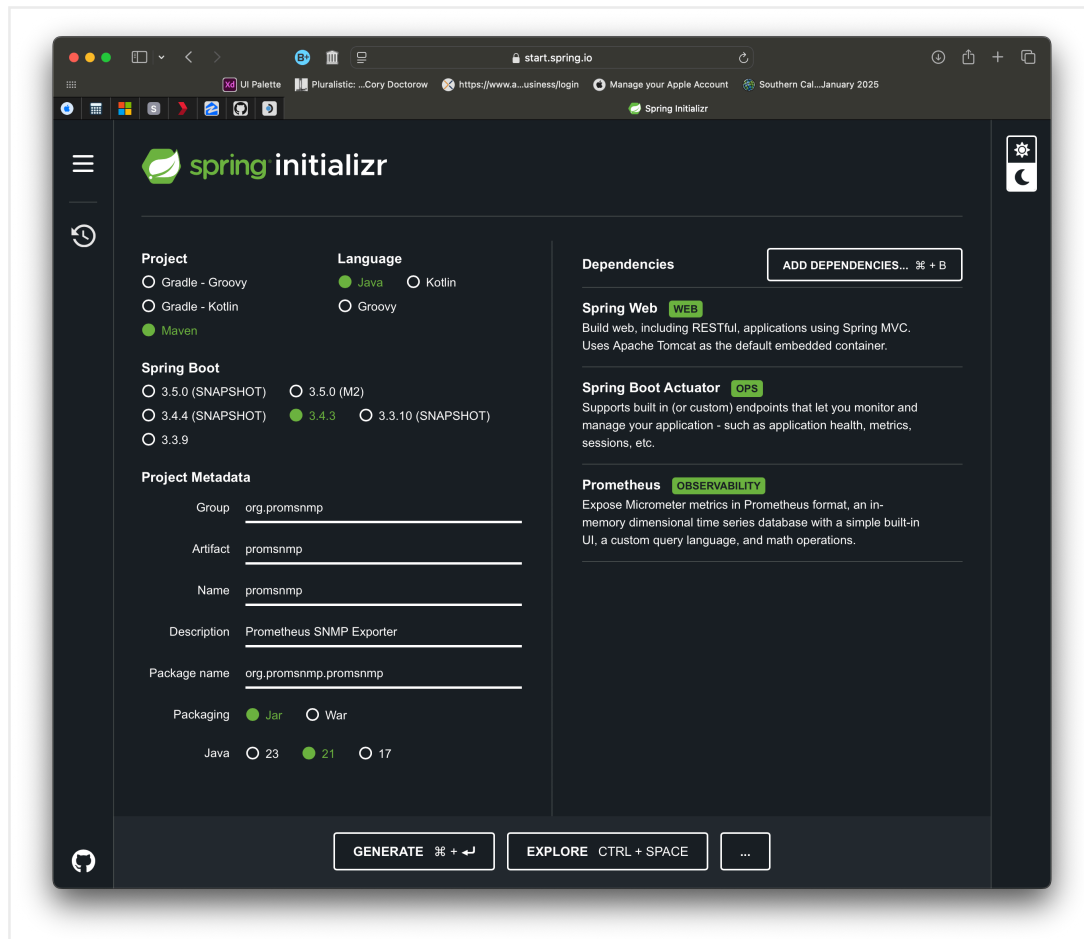
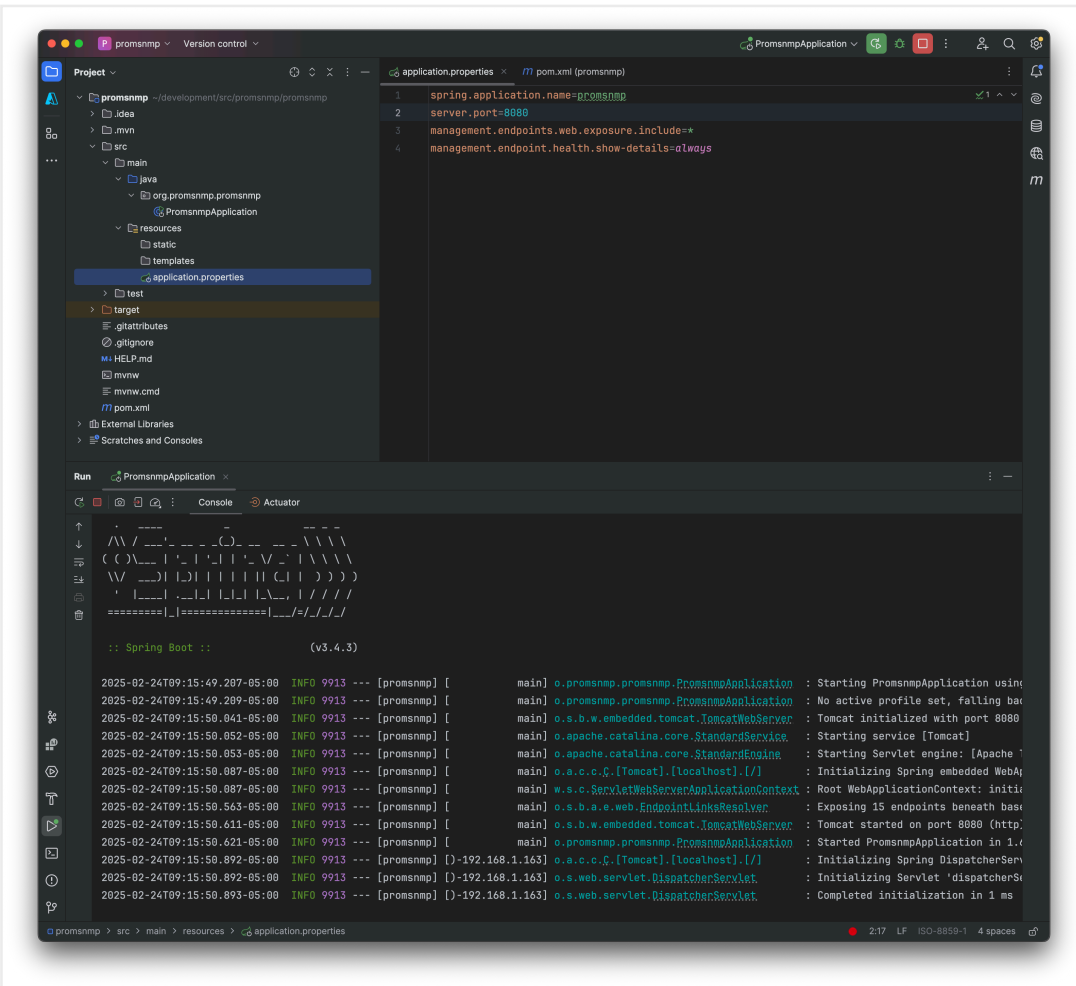


PromSNMP

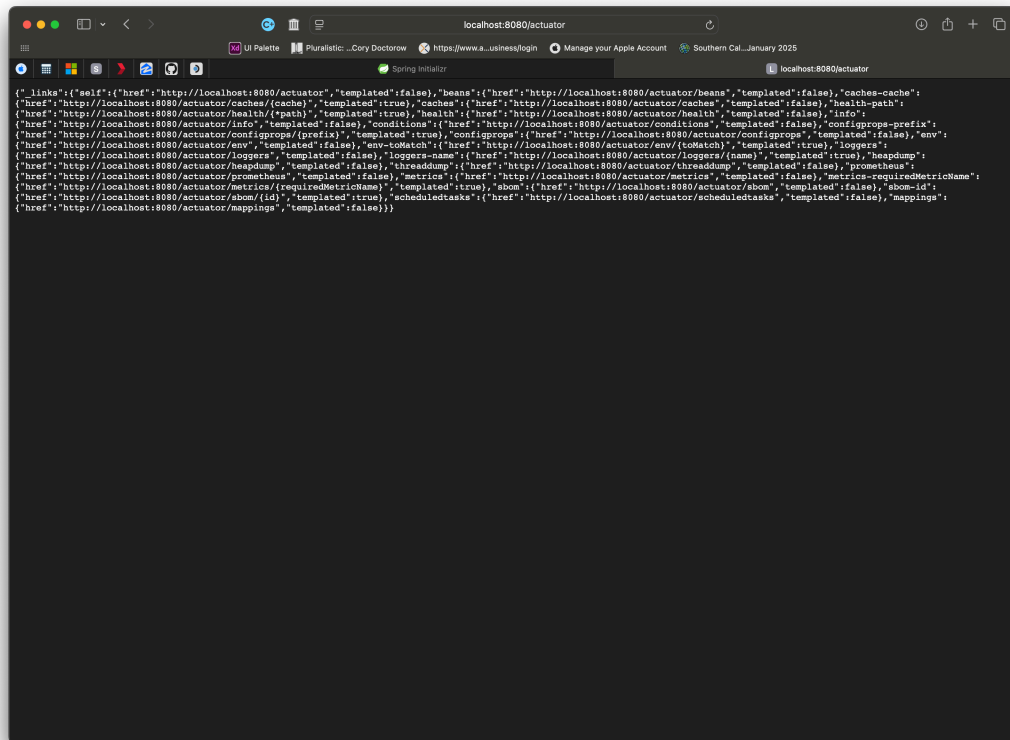
<https://start.spring.io>



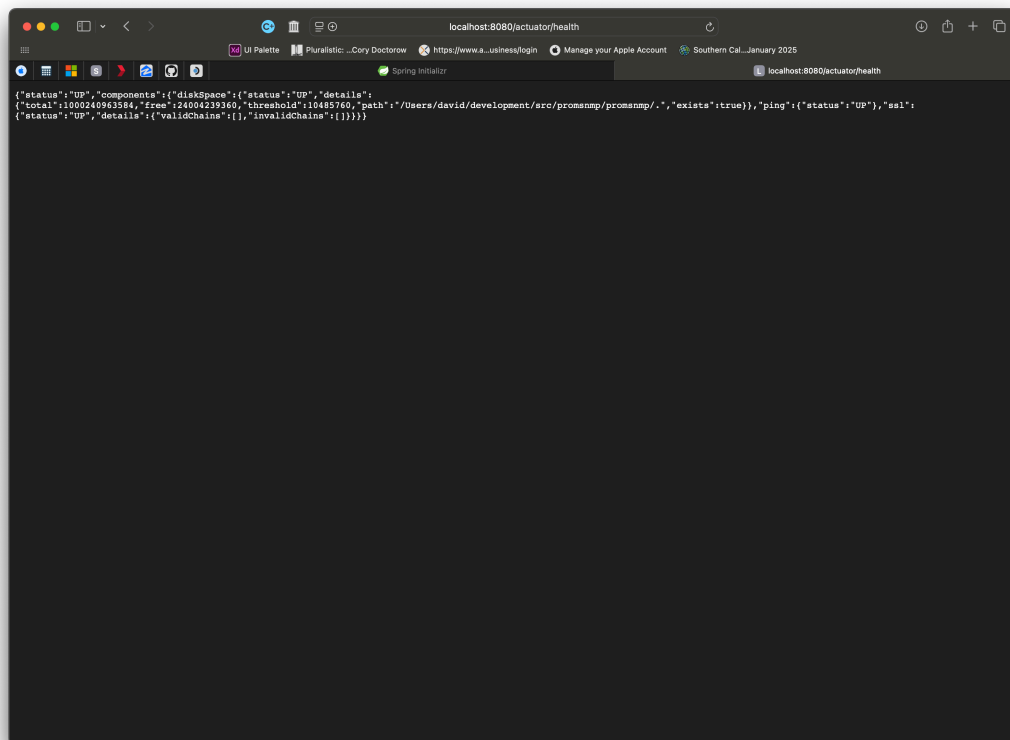
Unzip Generated promsnmp.zip and open in IntelliJ and configure application.properties:



List the Actuator endpoints:



The “health” actuator endpoint:



Export Actuator Data in Prometheus format:

```
localhost:8080/actuator/prometheus

# HELP application_ready_time_seconds Time taken for the application to be ready to service requests
# TYPE application_ready_time_seconds gauge
application_ready_time_seconds(main_application_class="org.promsnmp.promsnmp.PromsnmpApplication") 1.565
# HELP application_started_time_seconds Time taken to start the application
# TYPE application_started_time_seconds gauge
application_started_time_seconds(main_application_class="org.promsnmp.promsnmp.PromsnmpApplication") 1.557
# HELP disk_free_bytes Usable space for path
# TYPE disk_free_bytes gauge
disk_free_bytes(path="/Users/david/development/src/promsnmp/promsnmp/.") 2.399463424E10
# HELP disk_total_bytes Total space for path
# TYPE disk_total_bytes gauge
disk_total_bytes(path="/Users/david/development/src/promsnmp/promsnmp/.") 1.000240963584E12
# HELP executor_active_threads The approximate number of threads that are actively executing tasks
# TYPE executor_active_threads gauge
executor_active_threads(name="applicationTaskExecutor") 0.0
# HELP executor_completed_tasks_total The approximate total number of tasks that have completed execution
# TYPE executor_completed_tasks_total counter
executor_completed_tasks_total(name="applicationTaskExecutor") 0.0
# HELP executor_pool_core_threads The core number of threads for the pool
# TYPE executor_pool_core_threads gauge
executor_pool_core_threads(name="applicationTaskExecutor") 8.0
# HELP executor_pool_max_threads The maximum allowed number of threads in the pool
# TYPE executor_pool_max_threads gauge
executor_pool_max_threads(name="applicationTaskExecutor") 2.147483647E9
# HELP executor_pool_size_threads The current number of threads in the pool
# TYPE executor_pool_size_threads gauge
executor_pool_size_threads(name="applicationTaskExecutor") 0.0
# HELP executor_queue_remaining_tasks The number of additional elements that this queue can ideally accept without blocking
# TYPE executor_queue_remaining_tasks gauge
executor_queue_remaining_tasks(name="applicationTaskExecutor") 2.147483647E9
# HELP executor_queued_tasks The approximate number of tasks that are queued for execution
# TYPE executor_queued_tasks gauge
executor_queued_tasks(name="applicationTaskExecutor") 0.0
# HELP http_server_requests_active_seconds summary
# TYPE http_server_requests_active_seconds summary
http_server_requests_active_seconds_count(exception="none",method="GET",outcome="SUCCESS",status="200",uri="/UNKNOWN") 1
http_server_requests_active_seconds_sum(exception="none",method="GET",outcome="SUCCESS",status="200",uri="/UNKNOWN") 0.017871546
# HELP http_server_requests_active_seconds_max
# TYPE http_server_requests_active_seconds_max gauge
http_server_requests_active_seconds_max(exception="none",method="GET",outcome="SUCCESS",status="200",uri="/UNKNOWN") 0.017885463
# HELP http_server_requests_seconds summary
# TYPE http_server_requests_seconds summary
http_server_requests_seconds_count(error="none",exception="none",method="GET",outcome="SUCCESS",status="200",uri="/actuator/health") 2
http_server_requests_seconds_sum(error="none",exception="none",method="GET",outcome="SUCCESS",status="200",uri="/actuator/health") 0.046290761
# HELP http_server_requests_seconds_max
# TYPE http_server_requests_seconds_max gauge
http_server_requests_seconds_max(error="none",exception="none",method="GET",outcome="SUCCESS",status="200",uri="/actuator/health") 0.044287386
# HELP jvm_info JVM version info
# TYPE jvm_info gauge
jvm_info(runtime="Java(TM) SE Runtime Environment",vendor="Oracle Corporation",version="21.0.5+9-LTS-239") 1
# HELP jvm_buffer_count_buffers An estimate of the number of buffers in the pool
# TYPE jvm_buffer_count_buffers gauge
jvm_buffer_count_buffers(id="direct") 7.0
jvm_buffer_count_buffers(id="mapped") 0.0
jvm_buffer_count_buffers(id="mapped - non-volatile memory") 0.0
# HELP jvm_buffer_memory_used_bytes An estimate of the memory that the Java virtual machine is using for this buffer pool
# TYPE jvm_buffer_memory_used_bytes gauge
jvm_buffer_memory_used_bytes(id="direct") 57344.0
jvm_buffer_memory_used_bytes(id="mapped") 0.0
jvm_buffer_memory_used_bytes(id="mapped - non-volatile memory") 0.0
# HELP jvm_buffer_total_capacity_bytes An estimate of the total capacity of the buffers in this pool
# TYPE jvm_buffer_total_capacity_bytes gauge
jvm_buffer_total_capacity_bytes(id="direct") 57344.0
```